

TRANSPORTATION PLANNING FOR THREE UNITS OF THE NATIONAL PARK SYSTEM

MESA VERDE NATIONAL PARK

ARCHES NATIONAL PARK

YUCCA HOUSE NATIONAL MONUMENT

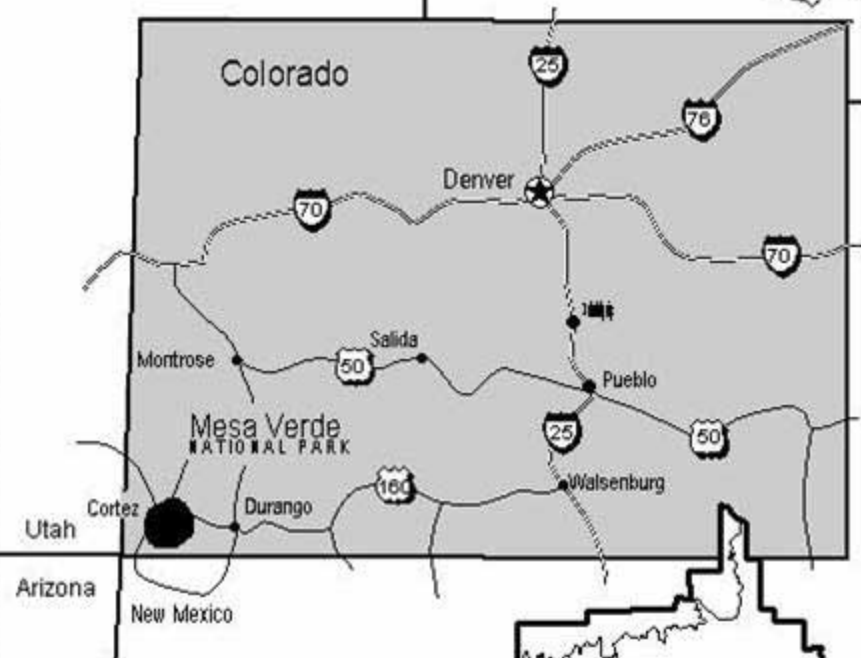
Jonathan Upchurch, P.E., P.T.O.E.

National Park Transportation Scholar

Mesa Verde National Park

MESA VERDE NATIONAL PARK





Wetherill mesa



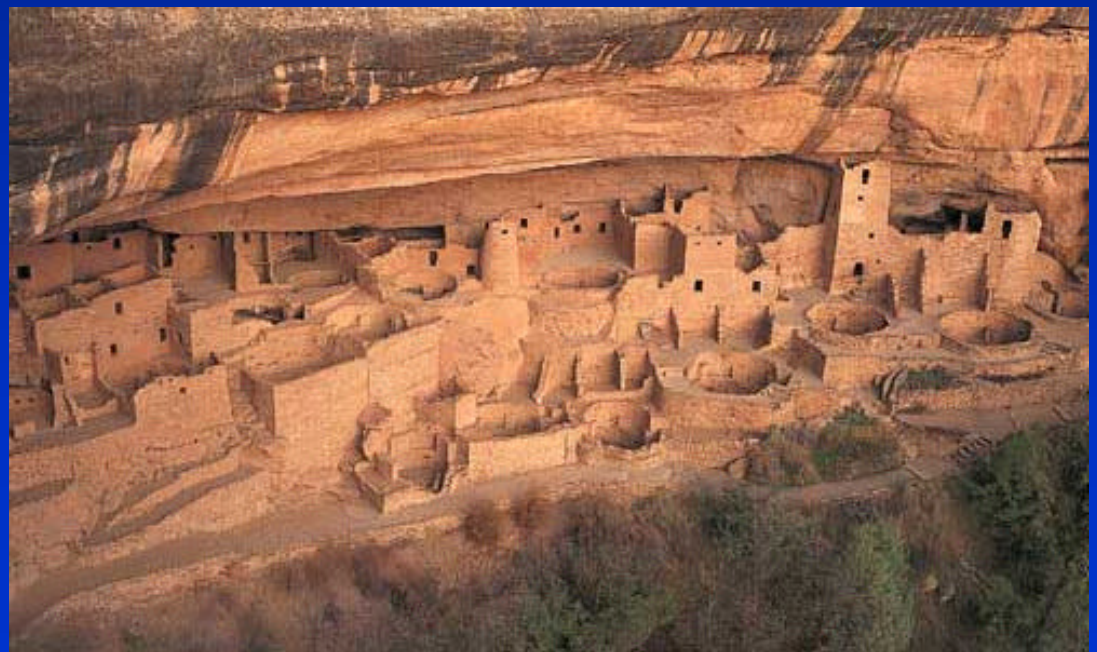
MESA VERDE NATIONAL PARK

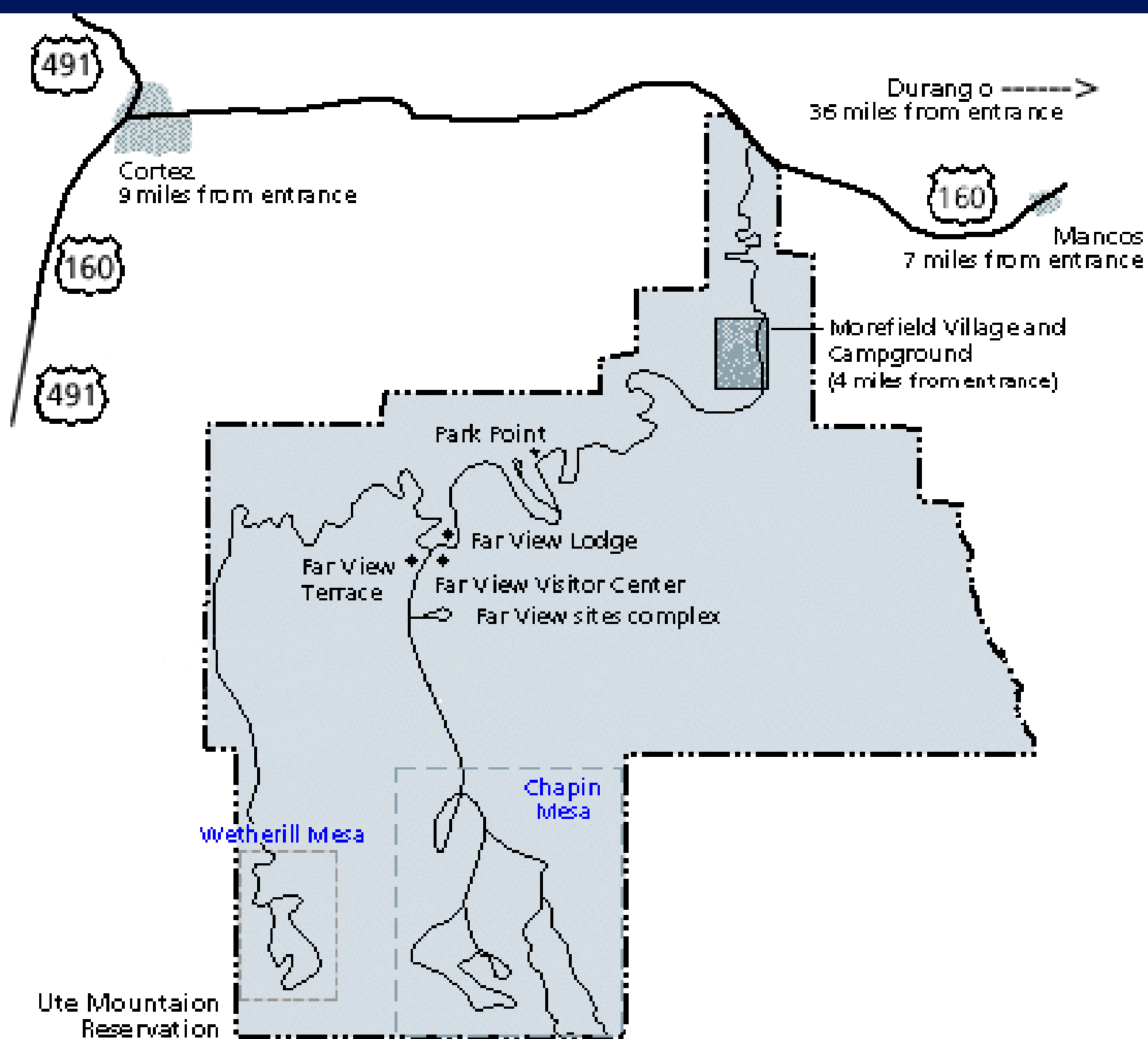
ESTABLISHED IN 1906

**THE FIRST NATIONAL PARK ESTABLISHED TO
PRESERVE A CULTURAL RESOURCE**

WORLD HERITAGE SITE -- 1978









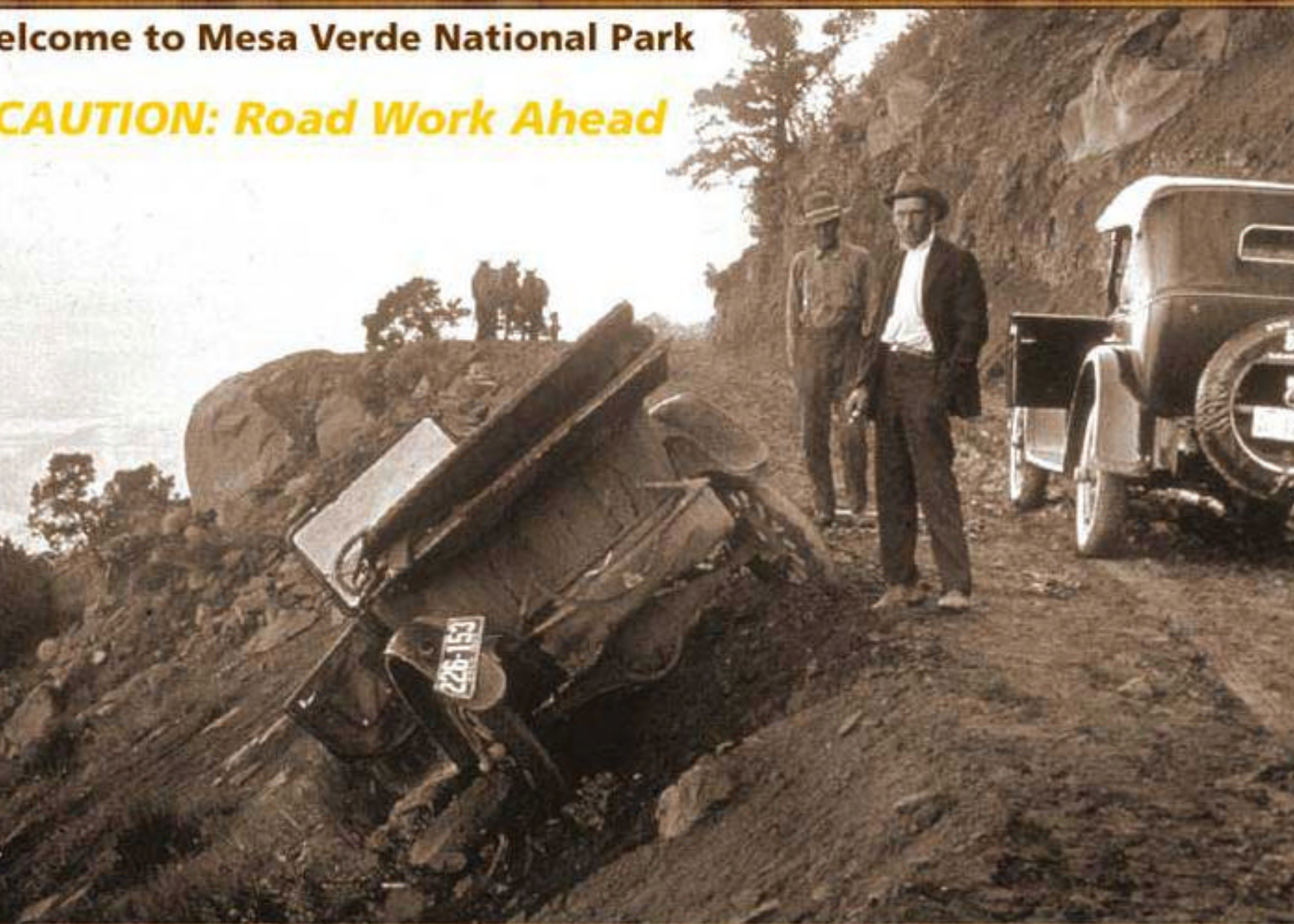




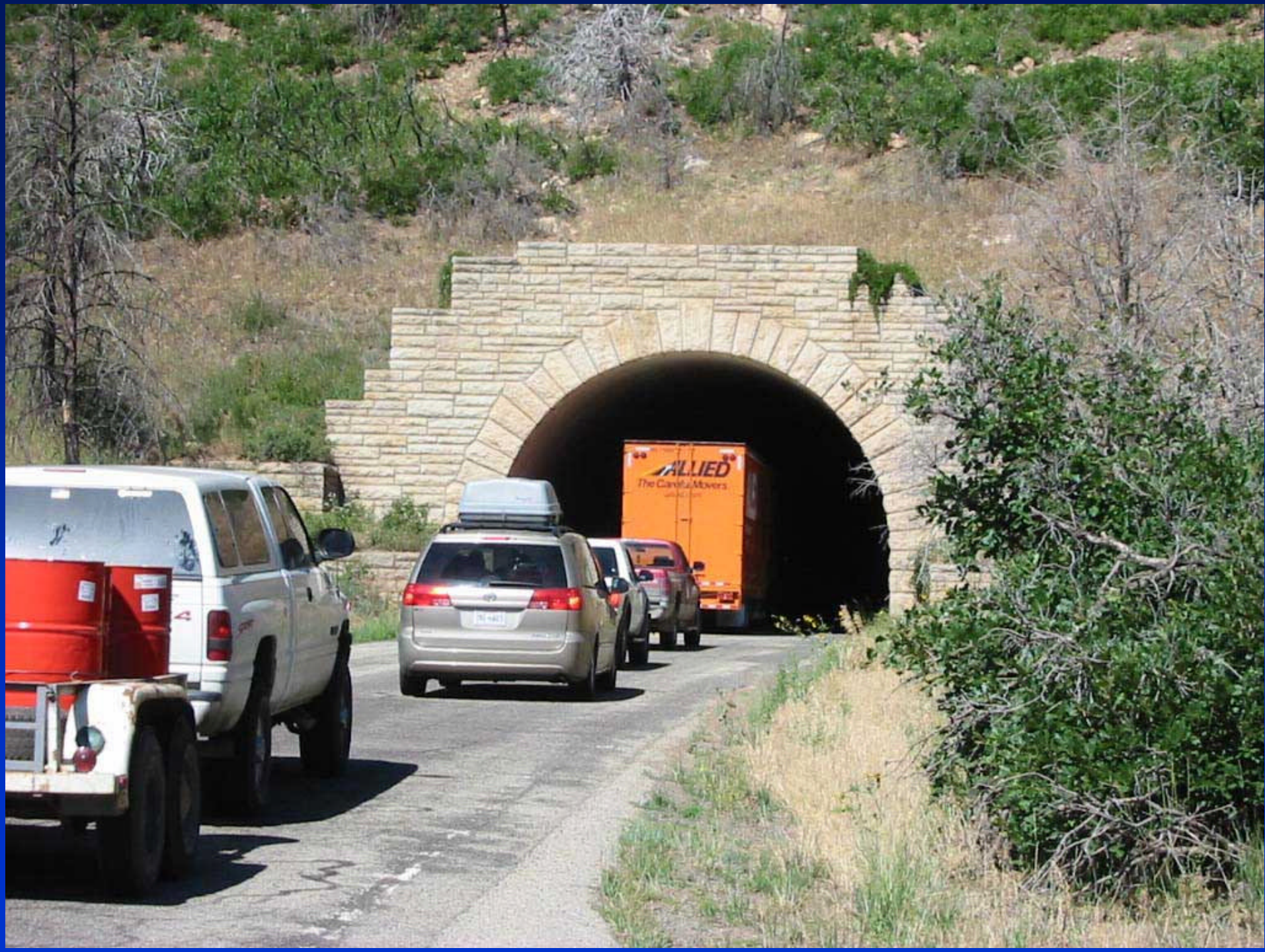


Welcome to Mesa Verde National Park

CAUTION: Road Work Ahead











CAUTION
SLIDE AREA
NO STOPPING NEXT MIL

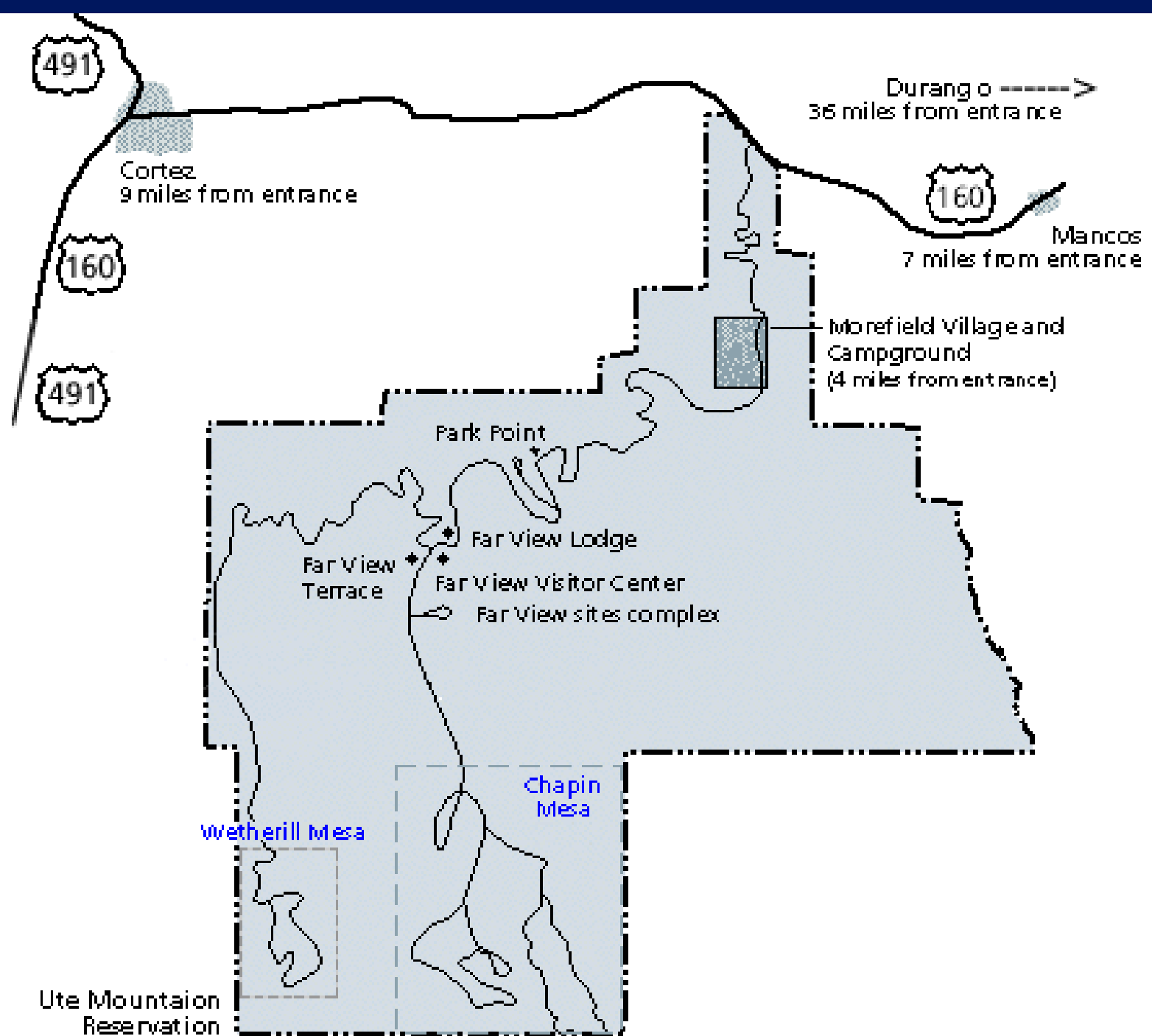




TAURUS











VISITOR DISTRIBUTION AND TRANSPORTATION STUDY

Issues include:

Traffic congestion

Parking congestion

Crowding at visitor attractions (pedestrians)

Crowding affects the visitor experience and can result in cultural and natural resource damage













Preliminary Alternatives include:

Enhanced Visitor Management Alternative

- Low-cost strategies**

- Minimal new infrastructure**

- Enhanced visitor information services**

- Additional short trails and overlooks**

Preliminary Alternatives include:

Bus Transit Alternative

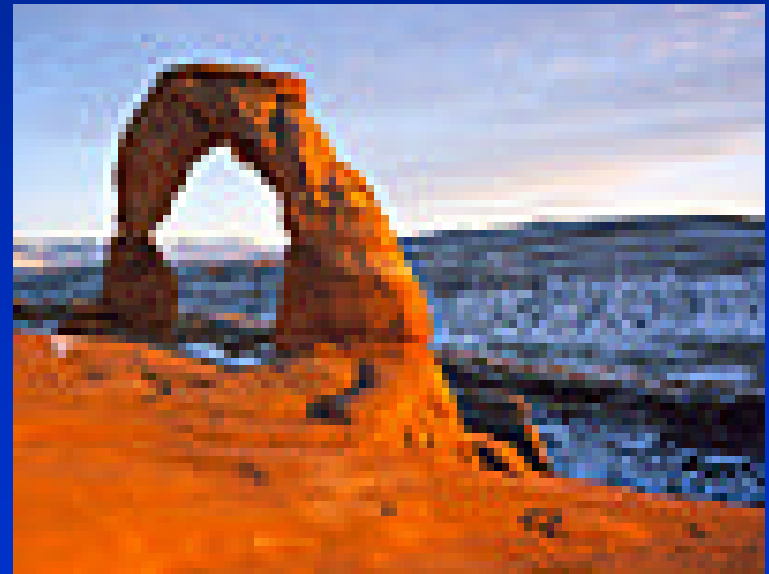
Additional short trails and overlooks

Peak season bus transit service, with interpretation on board

Buses are used to manage access to ticketed sites and would be the only means of access to Chapin Mesa during peak season

Emphasis on a transit system that is financially self-supporting

ARCHES NATIONAL PARK



ARCHES NATIONAL PARK

TRANSPORTATION PLAN

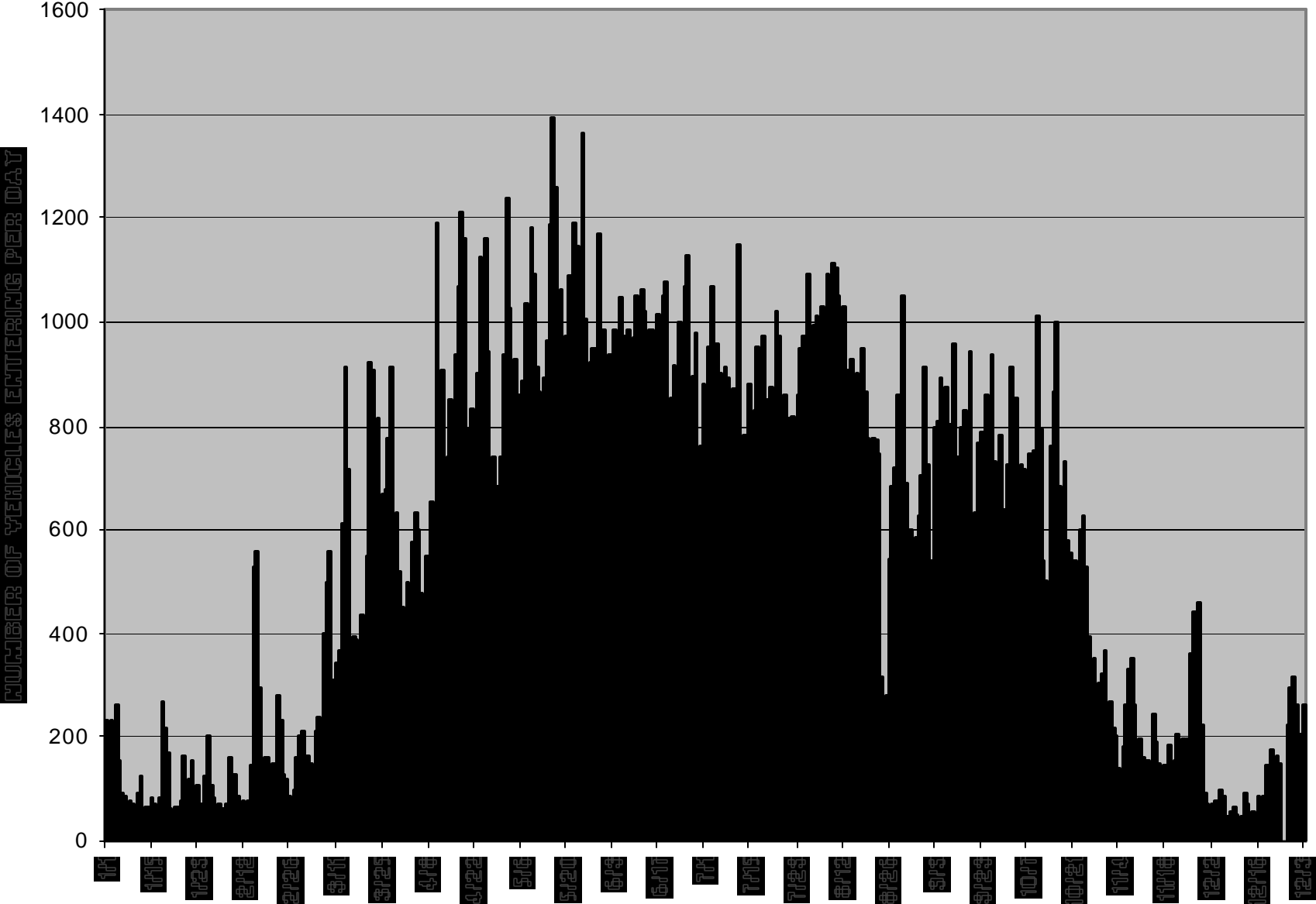
APPLICATIONS OF

INTELLIGENT TRANSPORTATION SYSTEMS

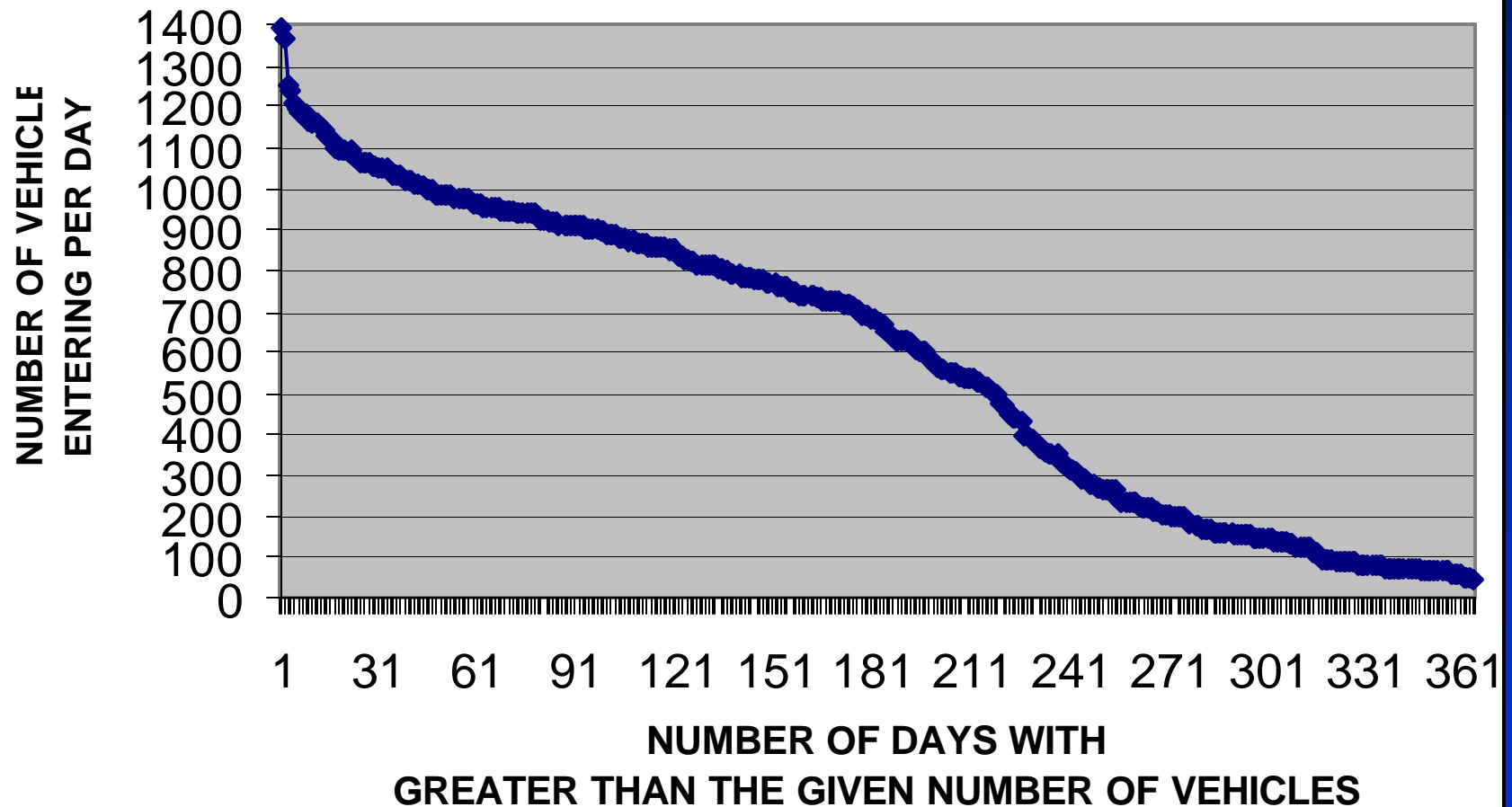
PARKING DEMAND THAT EXCEEDS CAPACITY



NUMBER OF VEHICLES ENTERING ARCHES NATIONAL PARK BY DAY - 2003



DISTRIBUTION OF NUMBER OF VEHICLES ENTERING ARCHES NATIONAL PARK BY DAY - 2003





CONGESTION AT PARK ENTRANCE STATION





ITS APPLICATION FOR TRAVELER INFORMATION

Utah Adventure Travel | Utah.com - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print

Address <http://www.utah.com/> Go Links

Utah! Travel & Adventure

utah.com

Official State Tourism Site

Place to see Outdoor Recreation Things to do Visitor Center Groups Real Estate **Travel Store**




NOW AVAILABLE
2005
Utah! Calendar

Arches National Park

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 **Ski & Board**

 **River Running**

 **National Parks**

 **Best Destinations**

 **Temple Square**

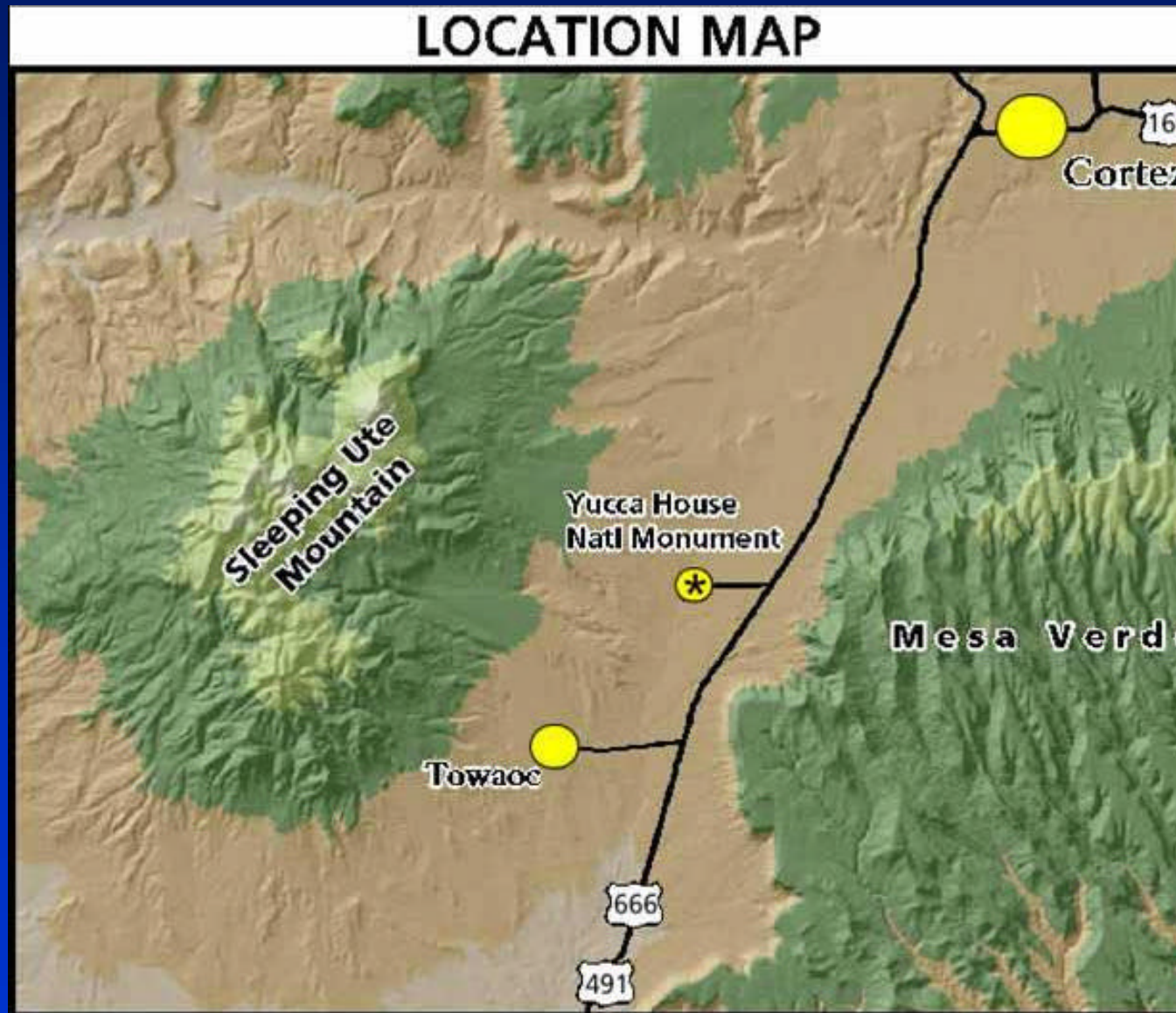
Utah Travel

Welcome to Utah, paradise for outdoor enthusiasts! Whether you come to [ski](#) or [snowboard](#) "The Greatest Snow on Earth," to mountain [bike](#) Slickrock, to take a summer whitewater [rafting](#) splash down Cataract Canyon, or to visit the [Old West](#) with a tour of outlaw hideouts and stickups, Utah has adventure waiting for you. Gather your family, pack your bags, and let us help you [plan your Utah trip](#). With connections to all the outfitters and [lodging](#) providers in the state, Utah.com is committed to helping you plan the perfect vacation to any of [Utah's best destinations](#). From [National Parks](#) to scenic [golf courses](#), [Historic Temple Square](#), [spa vacations](#), and extreme adventure, Utah will

Internet

YUCCA HOUSE NATIONAL MONUMENT

Southwestern
Colorado



YUCCA HOUSE
NATIONAL
MONUMENT

DEC. 19, 1919

A FINE EXAMPLE
OF A VALLEY PUEBLO
BEING HELD BY
NATIONAL PARK SERVICE



YUCCA HOUSE NATIONAL MONUMENT

Development of General Management Plan

Engineering and Geometric Design

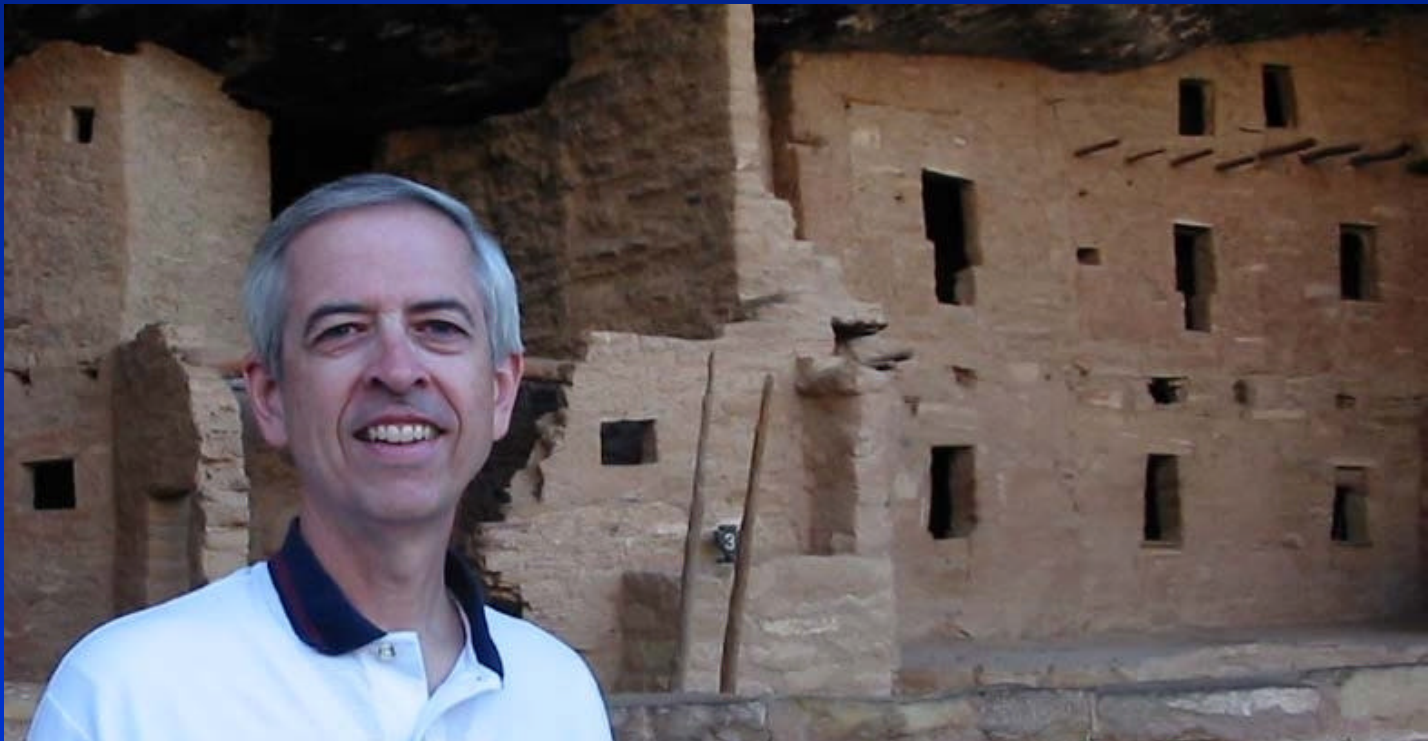
Evaluation of Access Routes

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With grateful appreciation to:



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Patricia Trap, Chief of Planning, Mesa Verde National Park